Partyo torsales columns & ad. Tail Tail without traces of bars week 228 subterminal 545, 1290, 396, enl. + are, 38 i cere, 16; cul, 27 Jan 44 in full to sent while to occipat 83 hose of ser to security 625 comete of eye, 13, hil in 1/6 tarsus 900 mite 67 el 25 We 56 of 3/5 min cl 29.5 only d., 18.5, Indeshozel 45 set and on tout ing

Rubber nipples Pay Bashford my Vill and Major Mie Illania Dandy. Halish

4476 1239 465 373 333 350 6 = 2989 6573 1829 689 538 483 528 } 16 males fruits IW. 760 210 85 60 55 58 9=4471 1 = 5.05 738 205 77 60.7 54 58 average of 16. 16= 498 16/871/574 16/ 936 (38.5 16/97/60:7 7

75 61 487 745-200 76 65 715 203 75- 60 55 59 735-200 1959 (2940 [800 4 304 [245 (215 (233) 4 89.8 735 200 76 61, 8 54 58, pt avanage of four females from Verde River, Arrier 28.29 79 to 71.01 48 286±9 809 4:52 23384 0-98.094 054669 80.9 97978/ 80.5 2032 0998 9585 47-51 2.2.8 8 5 57 5 £ 8,8 007091 500 4:90 25.4 4.96 9014 こった 8.0-9 4.96 1:97 71t 92.97 -9551 ti-92 7:56

4= 1953 218 813 2940 316 2.43 216 54 6/ 4 490 233 215 245 4 = 1959 304 800 2940 488 431 8) 3712 5880 620 1613 451 61 34 56 489 735 78 202 I'm Southwestern U. S avarace a 8 spill dura is · Eistern 'U.D. average + 4 " undelle be 16 males from W. 43. Length 1 ... 2. 4. 2. 480 Wng alar Yarsus Tarl Rulemen and claw expanse 205 54 775 58 64.0 197 56 54 705 8 Jemales from DUNUS. 489 4 " Eus. 451 56 735 78 61: 54 202 76 183 58 679 5-1

wort in alex side of neck - Frim, Miroat - il 1) radian fine of week buffy white knowled with e itate stock of black and much should be, our below, The rescens boolete below (2) similar frazari (5) si itan; sometimes (more +" (5)) (3) white for and more extensive, it fewer and corried blace state; white existing to the person the protocal lines. (4) mite onea striplete mishol of in extense ; arrow should show few + losow, white extension, Bill, tiphiain live, rather stout (riscus): (2) Conger, more studied 1 sper frigani) (3) about as lie breads ("Ile ations) (4) the smaller (more sin "?) (for musineus) ()(6) to the fragational (5) Gover) al Size To followsh white or redice. General Size. 7 8 brown (viriseus) Col. Disert 6 % mora narruwly celical with reclaich brown. (brumesee w sali, atus Fig les is to a south list with pale, as in reserve frahamenses wists it her milete the trans white (oate, aties) white, it is on when the (hour in) Cold.

The principle of the 1-11/1/202 Type Colobbion 1. S. M. M. M. M. C. C. C. C. it is the than the alies I real of to a write; where is Ne 133730 il. I. M.M. But I corner, every La in in the dis Depart, FALLICE Muxu: 12, 673 Wrage measurements of five females, from the Audson Highlands, new york: longth, 17.75; alar expanse, 26.75; wrng, 7.19; tail, 3.00; culmen, 2.28; tarsus, 2.00; middle for, 2.06; its claw; 34 moles

y is a few and in the second of the second J. L. J. Wreta " le l'en is, Cai I a lig et i series) a l'acida pience, interto cithe but, us would be well in it, is most Chow. Milled to Jan Commission == virial com John which it dilling in ben ; Dimembat larger, couse, i'm filler is ourset, with the white in interested of the moskytherout & branst war by many und mereasen in the Heale or whitish I say the wing the wing to the win i- coverts are new of the wings and paler. The white area of the under only or cold to tends continuously-from . is I forthe from the thoració l'Dienes is les siraded by the coloning of the sides While is a state of of them pl proceeding, the Colors in hale Vitor It risting to the start of

SMITHSONIAN INSTITUTION UNITED STATES NATIONAL MUSEUM.

MEMORANDUM.

Entonies.	
ang C. W.D. N. W.	Second Viscens. N.an.
10329 135576	Lad. Raturatus, Redging
10735 134768	20264 Swan Island
10658 133731	Lad Frazari, Brewster
10585 135574	1 9 70.
10247133732	
10659 135575	1258 Franciscus
94 4 7 San Pedro R. July 29,1893	1 — (6 /
They 29,1893	Carl
	13 squestis
	_:

2254 Ead. april 17, 1894. Seven Wills. 500; 718; 196; 77; cul. 64; tars 55 ute 59. 2425 2ad. april 30,189 4. Unlucky Laguna. 500; 754; 210; 77; cul 63; tais 57; rute 58 2426. fad. do 54 \$484; 740; 205, 76; 63 " 54 1154

505; 760; 210; 85; cul. 60; Tars 55; nute 58. Dris chrome yellow: Feet olevacious green above, yellow below. No. 9447. Jage 200. No.8475. 7 juv. Dan Bernardino Riv. Aug. 29, 1892. 686; 630; 485; 73; 42; 31; 44 (Page 148.) No. 8531. 9. Dan Bernardino Rev. Sept 2, 1892 485; 680; 200; 72; 56; 51; 6/mm (Page 160.) No. 8620. 9 join. Johnston's Rauch, Fra D. of Bester, augina. Left. 17, 1892. "Stot in a leack berry-tree, 20 weles last of the Dan Pedro River, the nearest water." no meas.

35

razan and Osterraluis it deffers in ISITION FOR SUPP los of the pale or whitesh markens, A co metanthing mely by the absence of white, in the throat and todrawere is by to much states size ithe is for rain in on malion o and for their proper use and safe keeping I will be responsible. Received the above , 189 . (33-20 M.)

Description of a New Subspecies
of the Green Heeron from the
arid region of the interior of North.
America. By Edgar A. Mearns, W.D Colorado Desert Mense the Mexicain Houndary line, collected by the uniter, in April and may, Lother these Grade were for braceding plumage with specimens in similar condition from other regions shows that the Colorado Valley former Constitutes as total-quarted district a subspecies or an of Cerdea veriscens as any of Those litter to separated as subspecies. Detherefore propose to call it Andea vireseeus authoryi, ni honor of Mr. Diego California, who has contributed

as much as any other writer to our Knowledge of the arifauna of the West, especially the region of second years. Ardea virescens anthonyi, subsp. nov. Subspecifié characters. - Similar to Andrea virescens of the eastern United States, (-ut slightly larger, and paler Mionghout, with the light markings of the wings med, neck and throat much less restricted, and whiter. Type. - No. 135576, Smithsomian trotitus Museum & Rax Original No., 10529), & ad. Jaken at Xeven Wells, Salton River, on the Calorado Desert, Lower California, near monument No., Mexican boundary line, April 12, 1894, by Fr. Edgar A. Mearus. Length, 485; alor expanse, 740; wing, 207; tail, 79; Culwer, measured from frontal feathers, 59; tarsus, 5'5; middle for and claw, 58 mm.

Leographie distribution. - This is a lend of the arid regions of the interior. There are specinions in the Duithesomain collection from Greka, and Dacramento California, from the Valley of Mexico, and from Danta Esigenia, Tehnantepec. It brends an central Arizona, on the Verde River, and was found on the Mexica boundary line, from the Oan Bernardino Rivir to the Coast Range of California, was brief region it, also brieding. Comparison. - This spices Find Herry brais no close resemblance to setter of the four insular forms (saturations, frazari, brunnescens, and bahamensis | hitherto described; but, as would be pre-supposed, is most closely related to the continuital species, & Andea virescens &, from which it differs in bring somewhat larger, Aring, in fact, the largest of the forms mentioned. Valloris its distinguishing Characteristic. The usually black saggitate spots of the neck are brownish, and fewer in number of the The

Description. Fallor is an essential almorateristic of this form. The tolack Daggitate markings of the neck are brownish, and fewer. The sides of the nick are chestmit and rufous instead I glaneous bay. He green of the wings to yellowish bottle green pand the Reapulars and glancous gray. The under surface, of and under side of than in viriscens . The thate fight wing edging of the wing-coverts, the white the white the white the white the whiter of whiter of the are much broader and from . The Whited of the under side of the head and neck extends continuously from the will to the send of the Juctoral plumes, and is less invaded by the coloring of At Dedes of the neck, and less. From frozan * and paturatous it differs in its larger size, and much paler * Ardea virescens frazair Brewster, auk, V, p. 83, 1888.

"Habitat. Near Ja Pay, Jower California."

Lean Market Company Control Company Compa

Coloration, with much less restriction of the pale or whitish markings. The metallie colors of the upper surface are wholly disperent surfaces Attea businesseus From bahamensis " it is readily Ardea bahamensis Brewster, Auk, V, p.83, 1888. Habitat. Bahamas (Rem Cary, Walling's Island, distinguished by its much greater arge and different coloration, though the Bahama form is even paler; and from brunnescent It may instantly be recognized by the presence Ardea brunnesceus "Tundl. Mss." - Gent. Aves Cuba, p. 84, 1850. "Habitat. Cuba." of white on the throat and neck, which is absente wanting in brunes cens, in which the whole throat and neck are rufous from, showing with a lunge of ovange-brown on the sline.

are shorthericecours of this subspecies and of viresems which are which are from pleasured pressured.

In millimeters, from precimens measured in the field by the unter

Keep this MS.

LIST OF SPECIMENS COLLECTED.

							V						
National Original Museum Number. Number.	LOCALITY.	Sex AND AGE.	DATE.	1 38.	W	2.	S. J. T. J. J.	a contraction of the contraction	Linera	The Let & The		REMARKS.	
Over age 7 14 ad 1. 11 10 4 11 10 4	mel - of Notice of Morio anua, lorio anua,	2 2 al		209.3	112:5	91.7 2 87.9 2	14.6 1	11.4.	28, 5	20.3			
										-			
										-	•		

The second with the second second - Current - Curr - . Early TE 11- 1/2 - 1911. Vision, Worth Rowing, - South Is a a Maria Destagant Maria birds the destate of the - Drivesi / = - Cilyo Sturio vije vit T.1.13, 1 (No. 13) Local finage to the state of the transfer the trans fredatornis Wilson. indicate M & H - form portrayed was the residente les south Contractions of in a raint or with which to from the 12 - 44 - 12 - - 122 - 14 + - 4 - - 12 - 12 - 128. mental the test also was that Ither, as there with the contract of the way wax very i'm with the breading he its 17/1-7-1-4 Characo 12-7, Est, 21-1-1, 20-1-18-5. the ocean tides. dollar the cold of the little of the cold of Similar Large Children St. mile Arie Brie . to the notice 113 , Lucia 1 113 1 to a second of the second of 10/ -10 / 1 p-21 - 20 - 1/2 - 1/2 - 1/2 - 20 - 20 "un fort, 11.5; dit of bill at hore, 11.5; at the state of th Les 12, 28.5, a france: Wy, 92.53 tais 70; to 1, 1, 1, 1, 1, 1, 2, 2. 5; del, the of but = + 10; tireus, 26. Keep this Mist 13 15.1. = 29.5.

Mation Misseum, Washington Sistrice of Colimbia. Softenber 21, 1914, The Lucy ger Vigeon, Estopistes migrotorius is exteriot! The last known specimen died in the Cincinnati Loo, and was received at the museum in the flash at 4 P. M. Lo-day. Chercial in Jordogy, US, Vial. Wus,

Dallinula chloropus group
In the Philippine Islands are Two forms:—
1. The resident form with broad frontal obnield
2. Winter migrants from Asia, with narrow frontal
shield:

Ægialitis dubia jerdoni George, P. Z. E., 1880, p. 39. (India) Agialitis dubia dubia (Ocopoli) also migrates to the Philippine Islands, where I collected du jerdohi the general size is smaller, but the bell and tarsus are decidedly larger.

210743 14845 San Miguel, Llocos Norte, Luzon, Philippines Sad February 3, 1907 107 55 16 24 E.a. Means	
2107+3 1+8+5 San Miguel, flocos Norte, Luzon, Philippines Sad February 3, 1907 107 55 16 24 2107+2 14707 Savag, Flocos, Norte, Luzon, Philippines Sad January 19, 1907 107 57.5 15.5 20+5 211287 Davao, Mindanao, Philippines Sad May 17, 1908 108 57 16 25 Paul Bartach 113352 9 Mehudee - ghat, India Sad - 103 54 13 21.5 Q. Anderson	
114486 1119 Jalec River, Seoul, Itarea Bad June 25, 1883 112 56 13 22.5 C.S. Joury	
210741 14688 Lacag, Slocos Norte, Ruzon, Philippines -adgamany 16, 1907 108 58 16 24 E.A. Meanus	
191938 13334 Dligan, Mindanao, Philippine Delaver Part Jehnary 15, 1904 108 57.5 15 24 E.L. Meanus do 109.5 54.5 15.5 24	

Hydrochelidon lariformis

2000 lug. p. 176.

3228 à pin lug. p. 176.

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219

217) 220

217) 220

217) 220

217) 220

2019 mbus torquatus.

3414 à pin . Oct. j. 431.

Jungus serrator 2946 fad. May p. 42

Mangus Euculatus.

3603 Epris Nov. p. 239.

3731 Ead. Jam. p. 282

3757 Fad. Febr. p. 324

415-8 Fad. Aug. p. —?

4338 Fad. Dee. p. 79

Fulix marila 3753 fad. Fibr. h. 324 3754 & jiw. Fibr. p. 324

Mergus merganseramencanins 3628 Épir. Dec. p. -62 3737 Ead. Jan. p. 317.

240/213 1 Settion Darolinensis 367 & Ead. Dec. 1: 274 3670 & Ead. Dan. 1. 275 3729 & Ead. Dan. 1. 317. 3736 & Ead. Dan. 1. 317. 3816 & Ead. March 1. 334 3834 & Ead. March 1. 339 3835 & Ead. March 1. 339 4198 & Ead. Sept " 4199 & Ead. Sept " 4200 & Juir. Sept. "

207/210 Shutula elypeata. 3733 Épir. Jan. p. 3/16 4269 602. Nov. fr. - 2

Lurquedul discors and Tuerquedula en anoftera 2655-627. March p. 5-6 3270 Spiv-Aug. p. 183 3348 Sipt. p. 211 4219 Spiv. Sept. p. ? 4220 fad. Sept. p. ? 4220 fad. Sept. p. ? Dafila acuta.

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Mariea americana 3690 Ead. Jan. Jr. 278. 3734 Ead. Jan. p. 316. anas boseas

3684 fad. Dan. p. 277.

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3699 fad. Jan. p. 325

4317 bad. Doc. p. 325

4318 bad. 1

4320 fad. 1

4333 bod. "

4334 fad. "

4335 fod. "

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Chauletasmus streperus

3888 fad. Whil 5. n. 4

(200) 203 corgana Earolina 3300 Épin Sept. p. 194 (201) 204 Lallinula galeata 3356 Fad Left. p. 225 3477 - pin. (Nov. Mp. 232 4181 Fad. Aug. p. -i.

Frelier americana 3633 fad. Dec. A. 266 3759 fad. Febr. h. 326 3766 fad. Febr. h. 326 3829 fad March h. 337 Recurvirostra americana 4229 fad. Sept. h.-? 4230 fad. "

4231 fad. "

4232 fad. "

4232 fad. "

4233 fad. "

4234 fad. "

Tringvides chaeularius

2855- fad. May 1. 80

2875 Sad. May 1. 83

3197- per. Aug. p. 165

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3423 fpiv. Det. p. 431.

3423 fpiv. July p. -?

4123 Spiv. July p. -?

4124 fpiv. Duly p. -?

4125 fpiv. Opuly p. -?

4130 Spullus July p. -?

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Rhyacothicus solitarius

1.80 ? ad. Duy. f.

Symphemia Semihalmata.

3202 ? ad. Aug. j. 166

4119 ? ad. July f. -?

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L97 + 199 200

Numerius Conguestrit

4261 ? ad. Oct / -?

Steganopus wilsoni.

3192 ? (jiw.?) Aug. f. 164.

4137 ? ad. July h. A.?

Jotanus melanoluscus. 3425-fad. Oet. p. 431. 4145-fad. July p. -? 415-3 Sad. Aug p. -? 4238-fad. Oct. p. -? 4314-fad. Dec. p. -?

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Hardea Lerodiais

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4136 fad. huly p. -?

4143 f pir. July p. -?

4144 f pir. July p. -?

4214 dad. Sept f. -?

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autaretiens.

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3669 fad. Dee. j. 274.

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3687 fad. " " 277

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4221 fad. Sept. j. -?

4263 fad. Cet. j. -?

435-8 fad. Deet. j. -?

435-8 fad. Deet. j. -?

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Callibela paramata
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3895 Ead. april p. 4
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3909 Ead. april p. 6
3909 Ead. april p. 6
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Chamaepeira posserina 3621 End. Dec. p. 258 4028 Lad. May f. 12. 4029 Lad. Thay f. 12. 4030 End. Thay f. 12.

Seardafilla mea. 385-5- fab. march h. 2 3856 fad. March f. 2 Tuay In 12 4033 Ead. May fr. 12 4034 200 4035 Ead. May / 12 4036 Sad: May 1: 12 4037 fad. May /1: 12 May 1.12 4038 700 4235-200. Oet. / . - 3 Oct : / - 2 4246 600. 4247 292.

Melofilia Leneoptera 3976 fad. Totang fr. 10 3977 Lad may fr. 10 3979 Lad may fr. 10 3980 fad may fr. 10 3981 Sad. may fr. 10 3999 Lad. May fr. 10 3999 Lad. May fr. 10 4013 Lad May fr. 10 4013 Lad May fr. 12 4022 fad may fr. 12 4053 Lad may fr. 12 4058 fad may fr. 14 4060 fad may fr. 14

irubiting a autimenia 335-4 fad. Lett. p. 225 7103 fad. Prome 11 - 1 4104 E piv. Voume i - 2 Aguila Dhysacetus Canadensis 4337 Ead. Dec. M. +2449.79 (FH) 173 Carrartes aura. 3/37 Ead. July h. 145-3204 fat. aug- p. 167 335-7 Ead! Sift. p. 225-Hiro alco mexicarius Jeoliagnis. 4082 fad Dune p. Holesperegnius naevuis

Buteo abbraviatus 2945-Epiw. May 1.42 4047 Pad. may 1.14 4048 Ead. May p. 14 4050 Fad. May p. 14

13 inter swamsoni 3176 fad brily fr. 1526 3199 - pin Aug fr. 165 3200 - pin Aug fr. 166 3213 - Cang, p. 169 3214 - Aug, p. 169 4127 fad. July fr. - 5? Leechter Lucius.

2820 fad. man 1.75

3366 fine Oct 1. 430

3448 Line Oct 1. 432

3480 Lad. Movember 1.245

3626 fad. Dec. 1.262

3713 fad. Jan. h. 3/2

4239 2 min Oct. 1. — ?

4240 2 jin. Oct. 1. — ?

4339 fad. Dec. 1. — ?

4339 fad. Dec. 1. — ?

Hierofalco mexicarius

Johnagris.

4082 fad. Drum p. -!

Hales/eregrinus māerius

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4112 fullus. July p. -?

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I'mbiting a autiración 335-4 fa3. selt. p. 225 7103 fad. Prud 11 - 1 4104 E piv. Pour 1 - 2 Aguila Dhysaellus Canadensis 4337 Ead. Dee. 1. 1214 79 (FA) 173 Câvirartes aura. 3/37 Ead. July p. 145-3204 - 20. aug- p. 667 335-7 Ead! Sept. p. 225-Hiro alco mexicanius Ipolyagris. 4082 fad Dune p. -! Holesperegnius naevuis

Buteo abbraviatus
2945 Epiw. May 1.42
4047 Plad. May 1.14
4048 Ead. May 1.14
4050 Pad. May 1.14

(168) 170

1 Butes swainsoni

3176 Jad Guly fr. 152

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Leciliter fuscus:

2820 2ad. Tuang 1.75

3366 7 jun Oct h. 430

3448 2 jun Oct 1. 432

3480 2ad. Movember 1.245

3626 2ad. Dec. 1.262

3713 2ad. Dan. 1.3/2

4239 2 jun Oct. 1. —?

4240 2 jun Oct. 1. —?

4339 2ad. Dec. 1. —?

4339 2ad. Dec. 1. —?

Hiero alco mexicarius

Johnagris.

4082 fad. Dum p. -!

Holeo peregrinus naevius

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4150 fad. Pury p. -?

4150 fad. Pury p. -?

42000 Columbarius.

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Spectyto eumericaria

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3/910 & ad. abril 1.6

3/968 & ad. may 1.8

Slancidium gnoma.

2/64 & ad. March 1.57

Slancidium phalaenoides

4006. & ad. may p. 10.

Slopasio trichopsis.
2982 2ad. Prum p. 5-3
4003 3 più May p. 10.
4004 9 più. May p. 10.
4005- 3 più. May p. 10:
4067 9 più. May p. 10:
4068 6 più. May p. 14
4083 2ad. Prum p. -?
4110 2ad Pruly p. -?

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suter.
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3383 Lad. Oct. 1. 430 a (125-128) Empidonax 43/10/. 2726 Ead. april 1.64 2741 - ad. 1. 1.65 2938 fad. May J. 4.1 2951 3ad. ... / 45 2971 — June p. 50 2983 dad: " h 53 2988 dad. " h 101 2989 fad. " h. 101.
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2906 Lad. " 1. 27

3034 Lad. June 1. 117.

3074 Lad. July 1. 128

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3144 Spad. " 1. 146

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3296 Esw. " " " "

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4/171 Fjin aug. fr. 10

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2662 200 " 1.57

2663 200 " 1.57

2766 200. Cepil 1.69

2774 200. " 1.70

2913 200 May 1.37

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3275 200. " " "

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4321 Ead. Dee p. -2

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